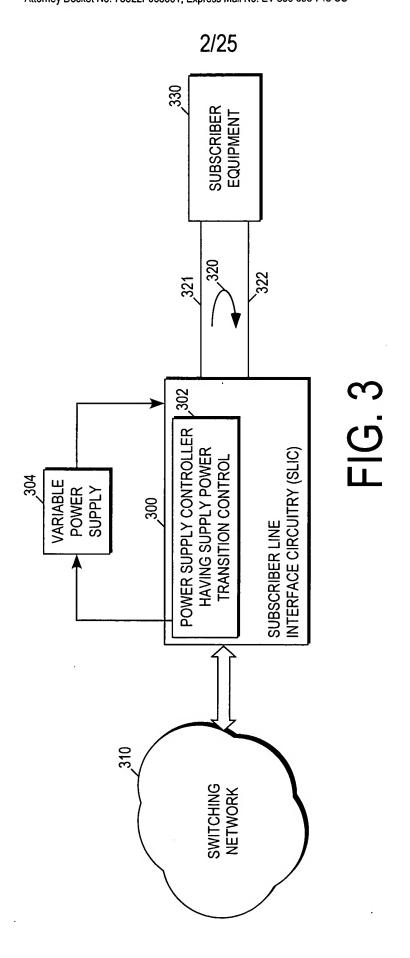


FIG. 2



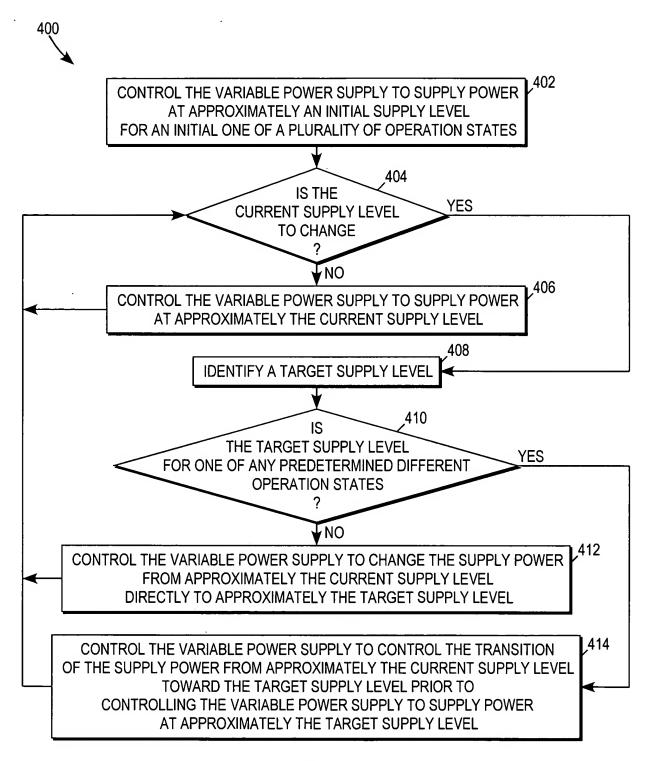
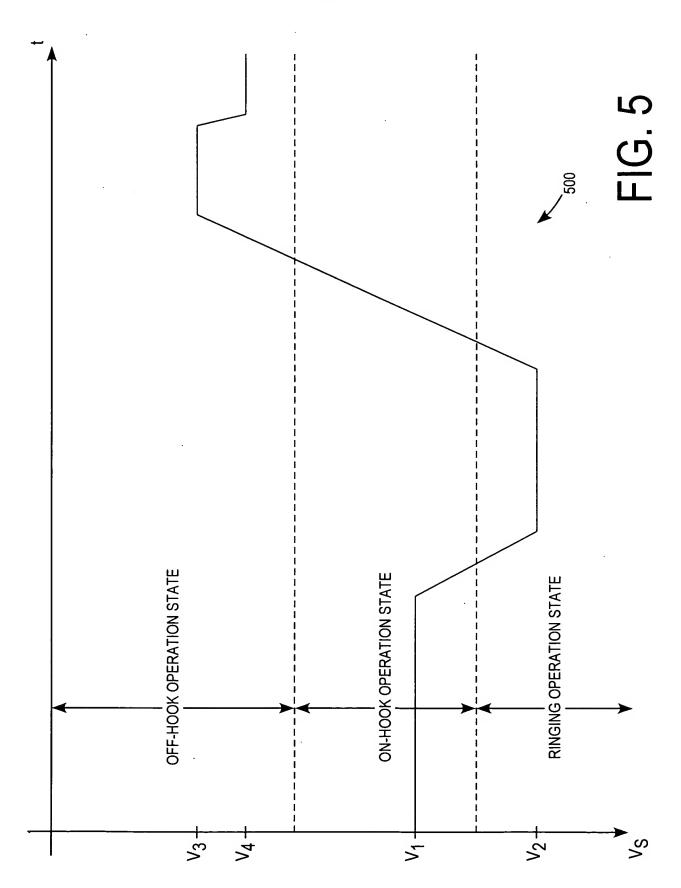
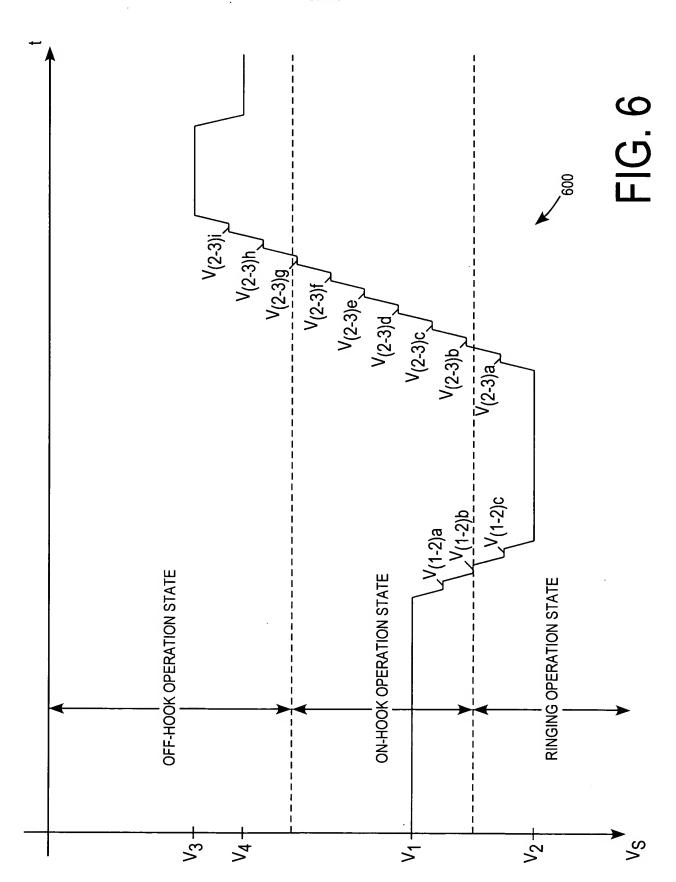


FIG. 4









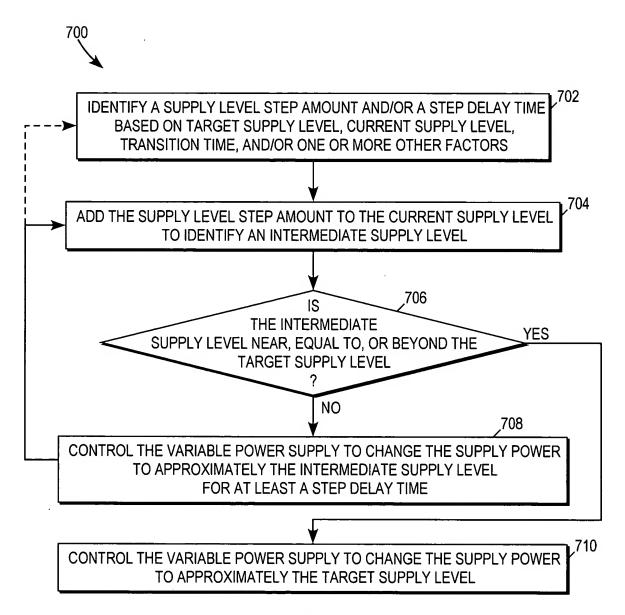


FIG. 7

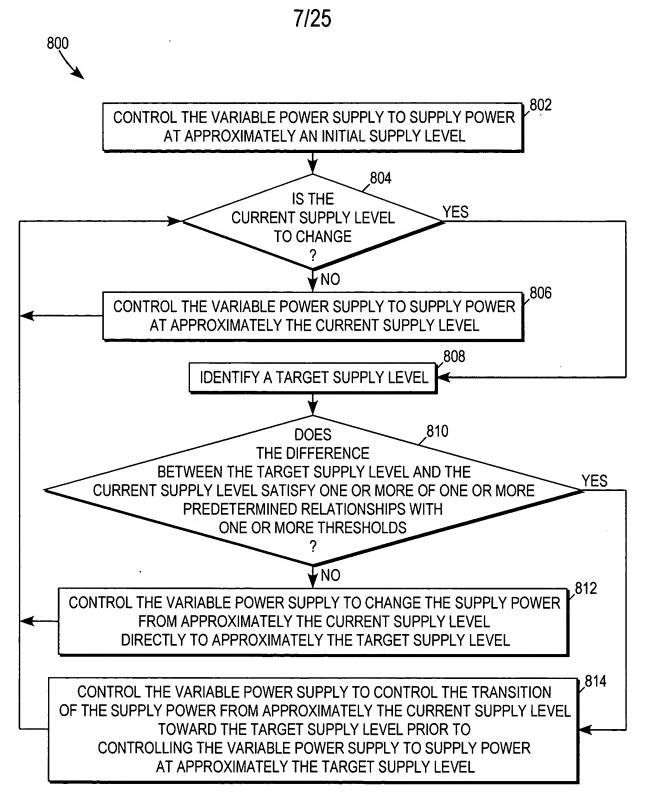


FIG. 8

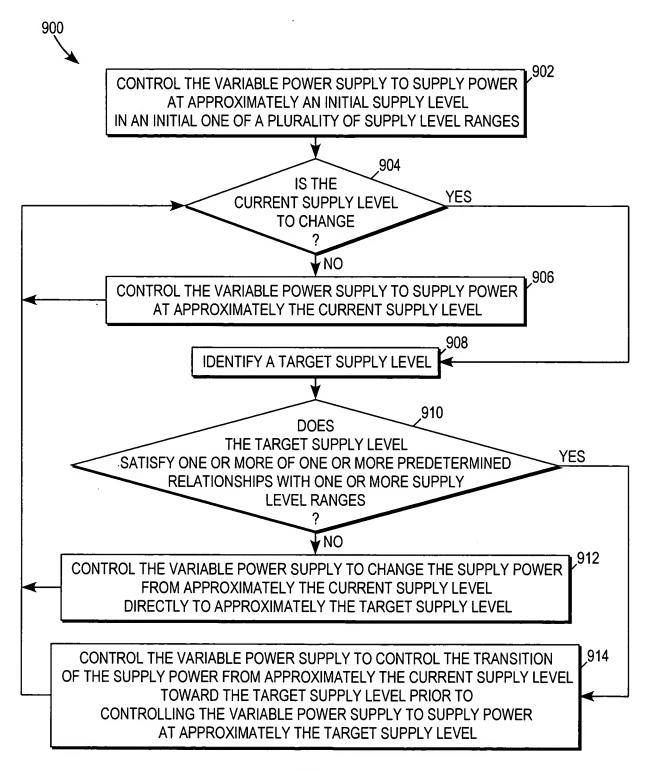
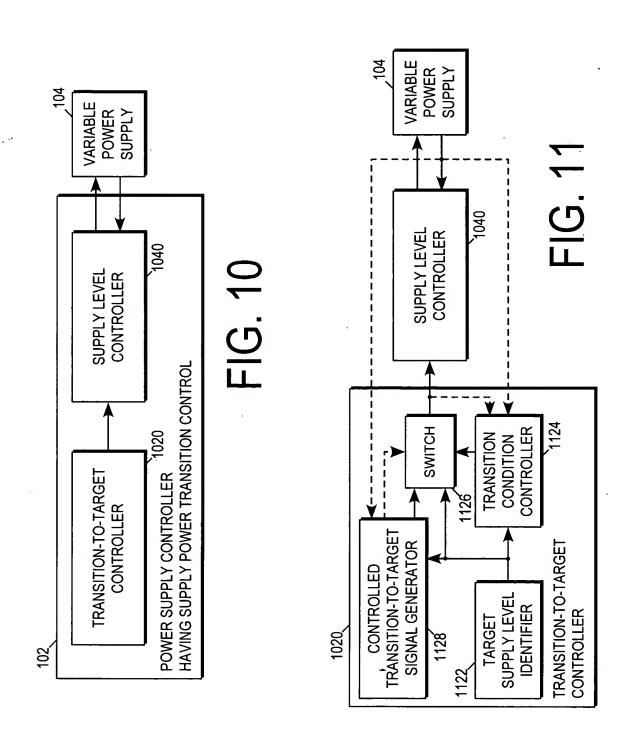
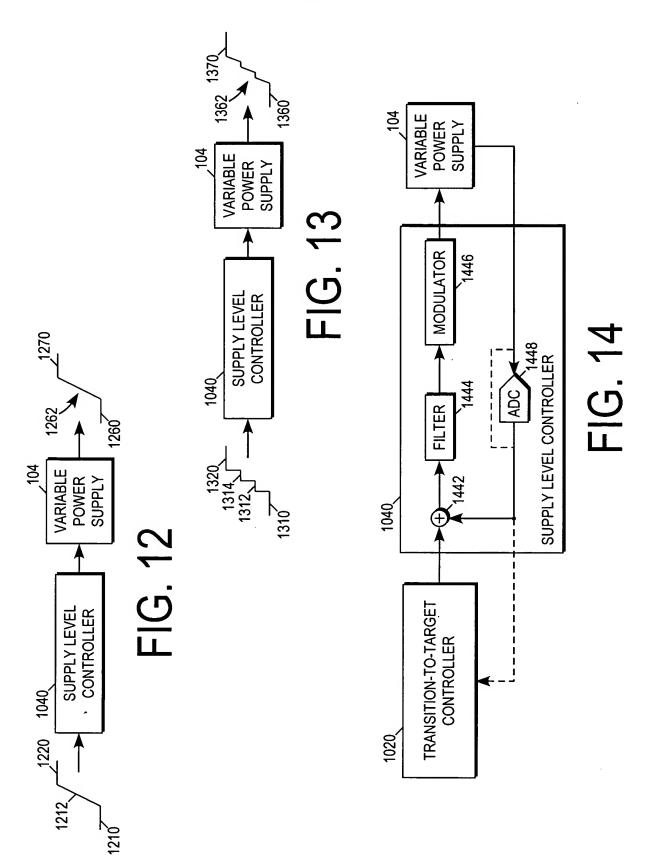


FIG. 9

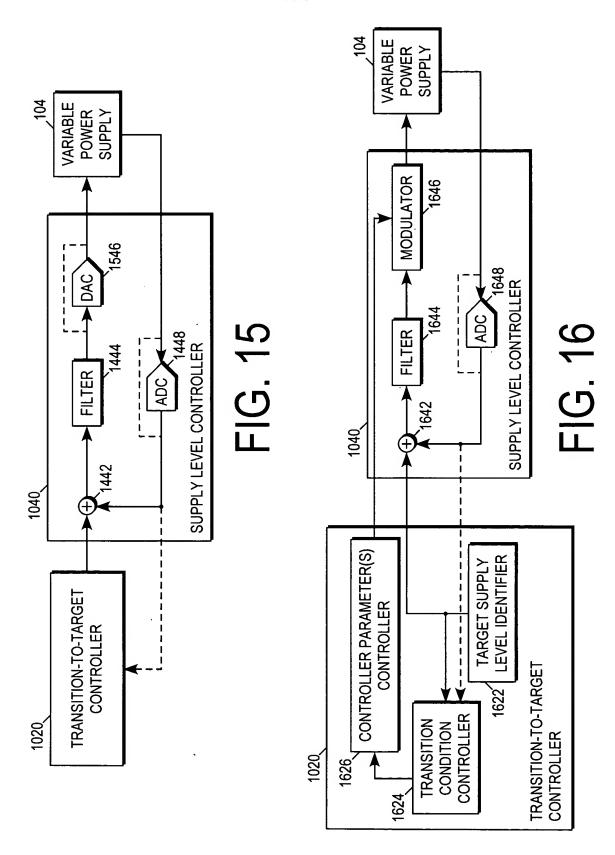
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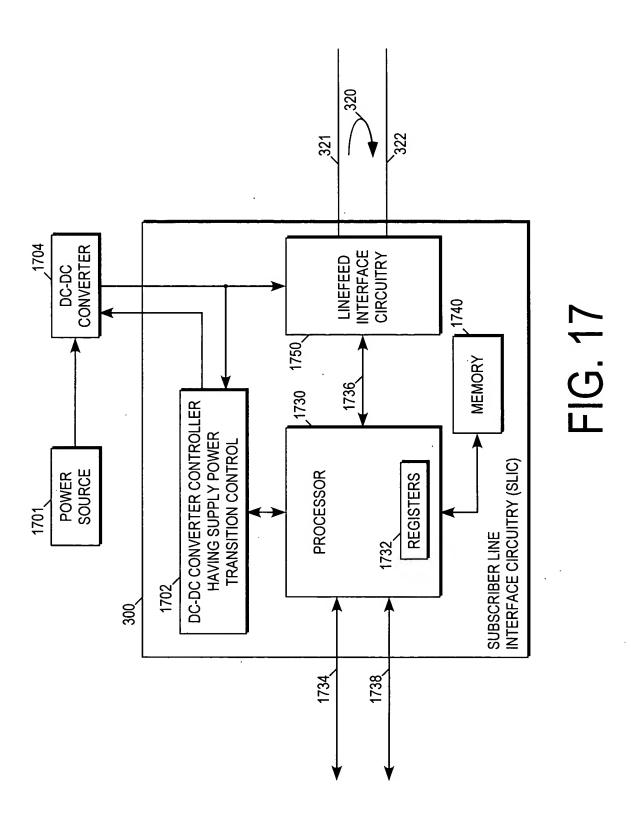


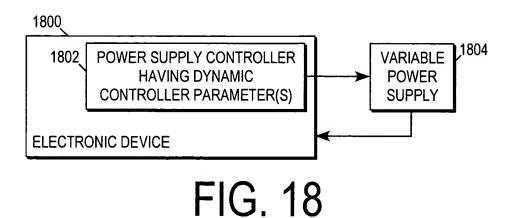


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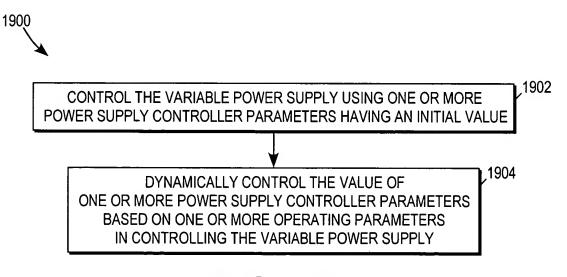
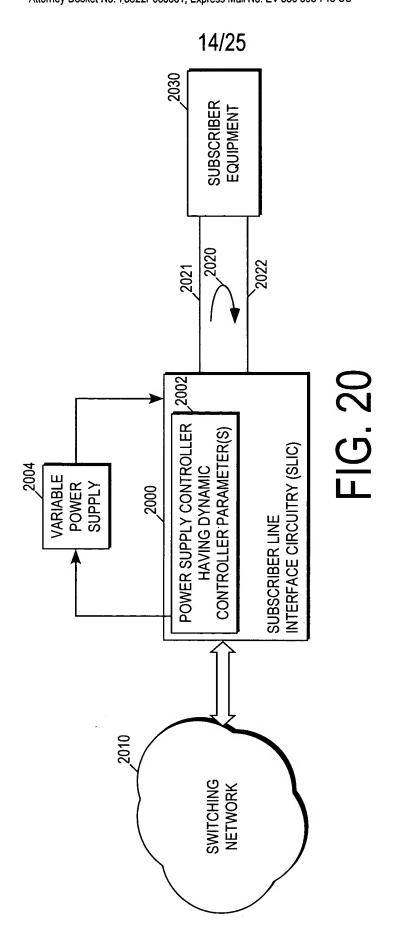


FIG. 19



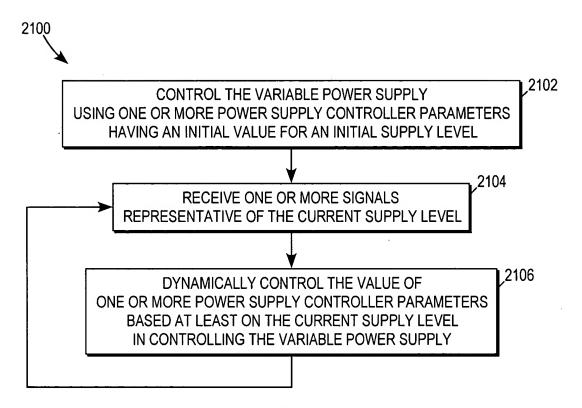


FIG. 21

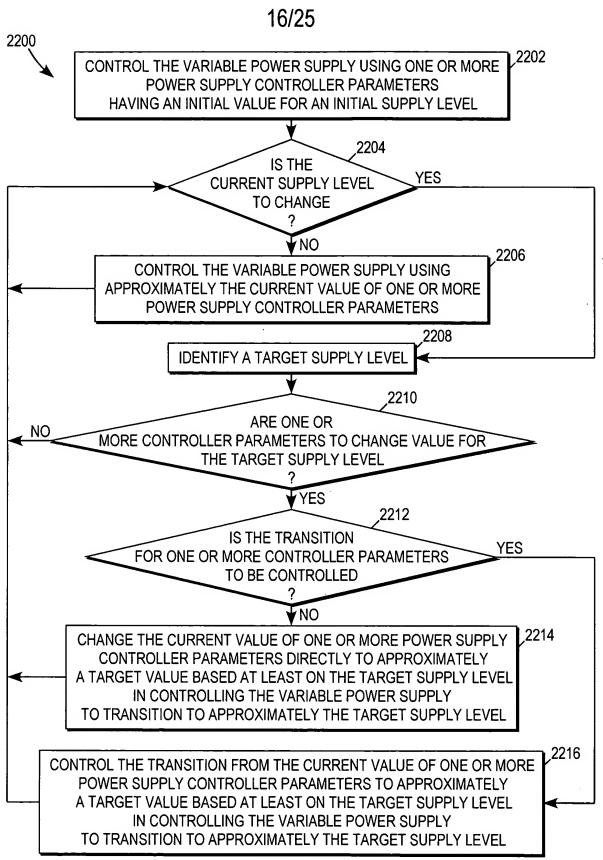


FIG. 22

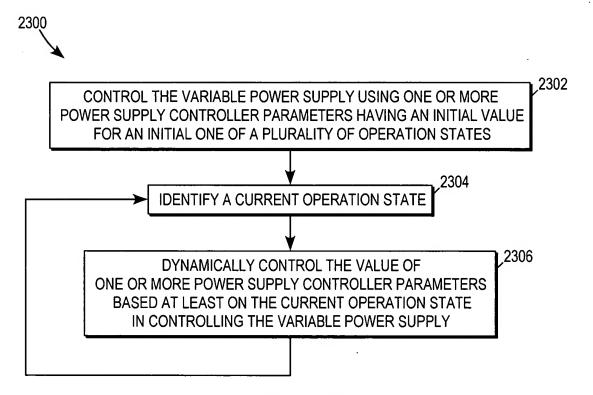
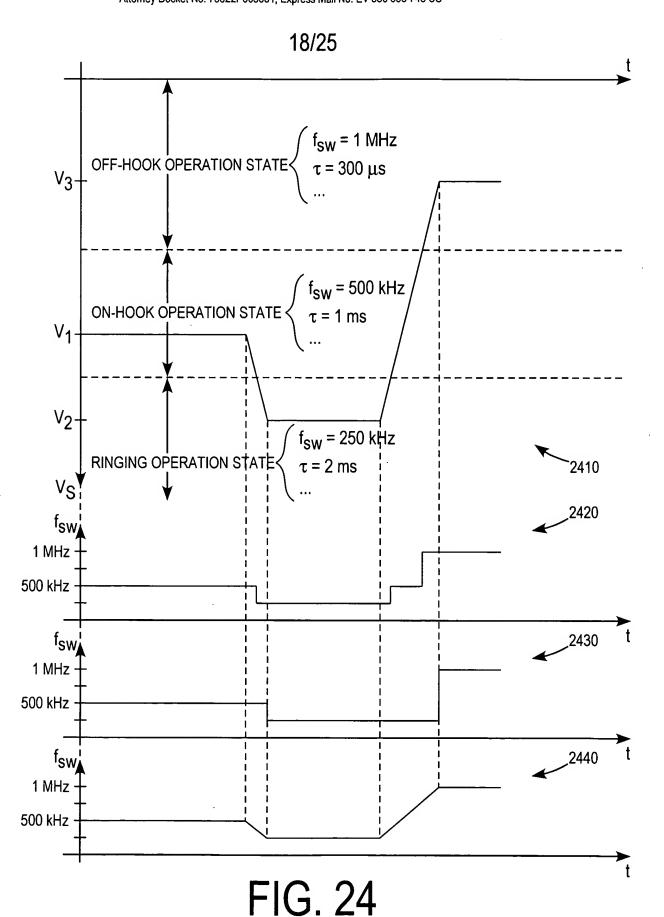


FIG. 23



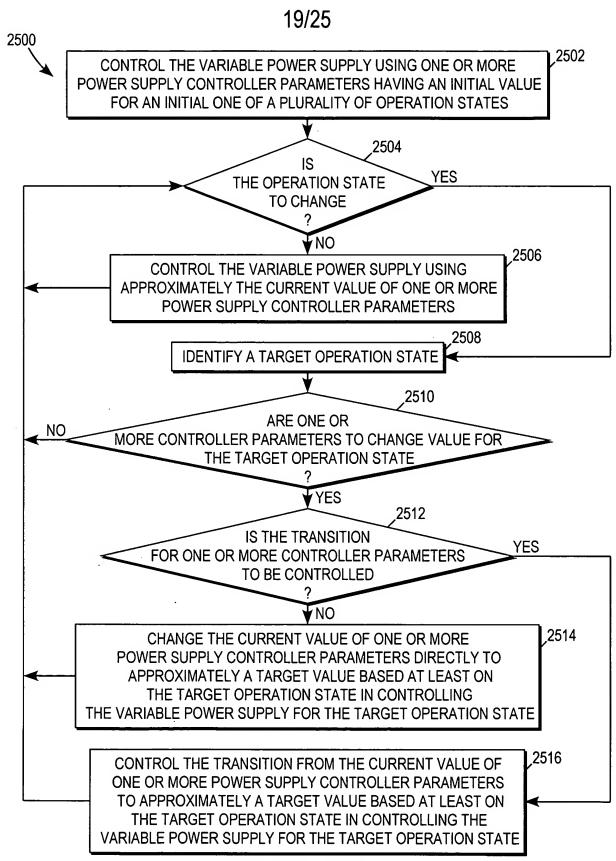


FIG. 25

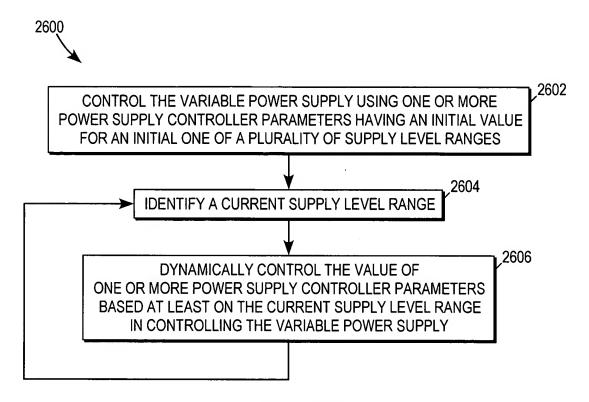
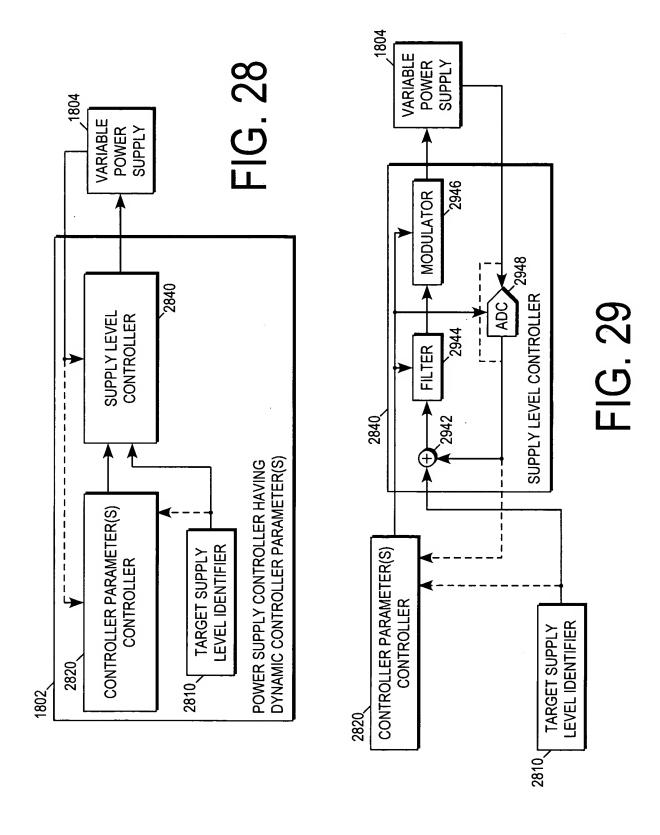


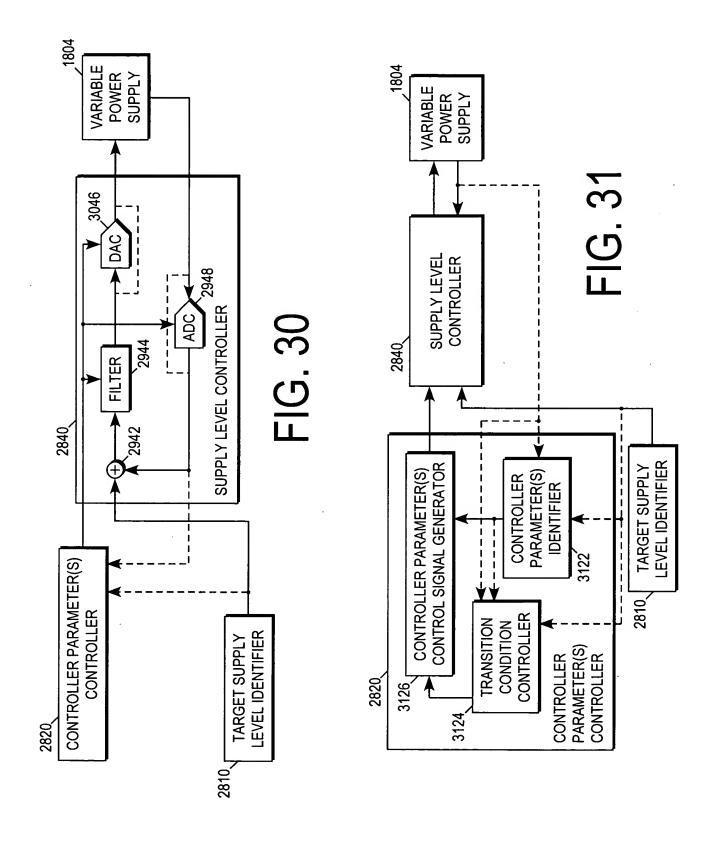
FIG. 26

21/25 2700 2702 CONTROL THE VARIABLE POWER SUPPLY USING ONE OR MORE POWER SUPPLY CONTROLLER PARAMETERS HAVING AN INITIAL VALUE FOR AN INITIAL ONE OF A PLURALITY OF SUPPLY LEVEL RANGES 2704 IS THE YES SUPPLY LEVEL RANGE TO CHANGE NO 2706 CONTROL THE VARIABLE POWER SUPPLY USING APPROXIMATELY THE CURRENT VALUE OF ONE OR MORE POWER SUPPLY CONTROLLER PARAMETERS 2708 IDENTIFY A TARGET SUPPLY LEVEL RANGE 2710 ARE ONE OR NO MORE CONTROLLER PARAMETERS TO CHANGE VALUE FOR THE TARGET SUPPLY LEVEL RANGE YES 2712 IS THE TRANSITION YES FOR ONE OR MORE CONTROLLER PARAMETERS TO BE CONTROLLED NO N CHANGE THE CURRENT VALUE OF ONE OR MORE POWER SUPPLY .2714 CONTROLLER PARAMETERS DIRECTLY TO APPROXIMATELY A TARGET VALUE BASED AT LEAST ON THE TARGET SUPPLY LEVEL RANGE IN CONTROLLING THE VARIABLE POWER SUPPLY TO TRANSITION TO THE TARGET SUPPLY LEVEL RANGE 2716 CONTROL THE TRANSITION FROM THE CURRENT VALUE OF ONE OR MORE POWER SUPPLY CONTROLLER PARAMETERS TO APPROXIMATELY A TARGET VALUE BASED AT LEAST ON THE TARGET SUPPLY LEVEL RANGE IN CONTROLLING THE VARIABLE POWER SUPPLY TO TRANSITION TO THE TARGET SUPPLY LEVEL RANGE

FIG. 27



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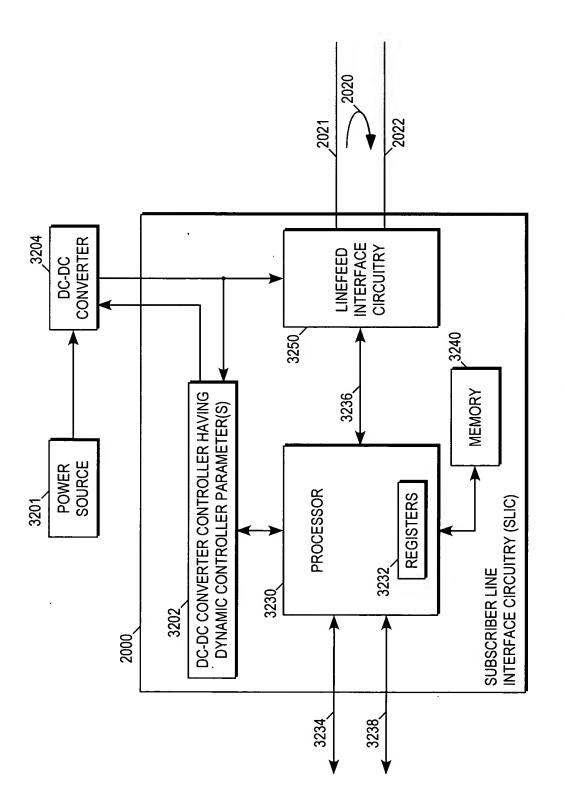


FIG. 32

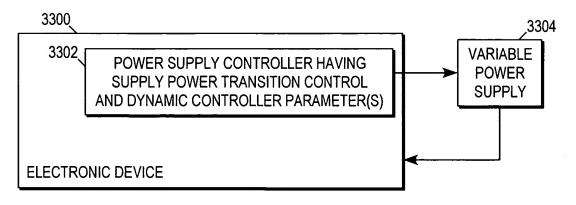


FIG. 33

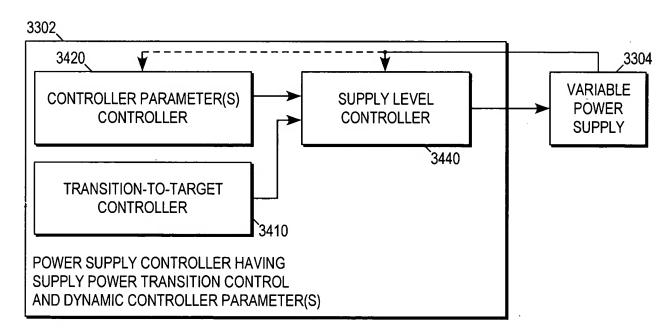


FIG. 34